

ABSTRACT OF THE DISCLOSURE

Disclosed is a method for correcting positioning errors of a mobile station positioning system in a CDMA mobile communication system. The method includes the steps of:

5 delaying a PN code for a +64Chip period or a +64Chip+nChip period in a +64Chip delay element or a +64Chip+nChip delay element; combining the PN code transmitted to the MS with a PN code created by delaying the transmitted PN code for the +64Chip period or the +64Chip+nChip period in a combiner; in

10 the MS, receiving the PN code of the specific BTS and the PN code created by delaying the PN code of the specific BTS; in a position determination entity (PDE) of the mobile station positioning system, analyzing the PN codes received from a mobile positioning center (MPC) to the MS, thereby determining

15 whether the PN code of the specific BTS is transmitted to the MS via the repeater; and if it is determined that the PN code is transmitted, subtracting a delayed time value due to a corresponding repeater itself, thereby calculating a distance between the specific BTS and the MS in the PDE.

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